

Graduation Citation

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Thesis title:

Comparison of temporal processing and motion perception in emmetropes and myopes

Supervisors:

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Citation:

Short-sightedness (myopia) resulting from elongation of the posterior segment of the eye has ramifications for retinal physiology and visual performance. Several psychophysical techniques was used to evaluate how the myopic eye detects differences in timing and movement; myopia worsened task performance. Decreased visual performance occurred in eyes with thinner retinas, supporting a retinal component to the observed changes in motion processing.